

MarkeTech Repton EXP 48 Cordierite Mg-Al-Si Oxide

Category : Ceramic , Oxide , Aluminum Oxide

Material Notes:

REPTON setter tiles, kiln furniture, and special fixtures are lightweight, ridge, and high strength ceramics that resist distortion and spalling, even when thermal cycled many times. They are available with a smooth or a unique textured surface that permits pinpoint contact with the load. Sticking can be eliminated as well as providing a surface that breathes, allowing gasses from the ceramic to escape. Applications include firing ceramic capacitors, SOFCs, PZTs, hard and soft ferrites, co-fired substrates and powdered metals. REPTON is available in a wide range of compositions that include a range of alumina, mullite/alumina, zirconia, cordierite, magnesia, and aluminum titanate.

Order this product through the following link:

http://www.lookpolymers.com/polymer_MarkeTech-Repton-EXP-48-Cordierite-Mg-Al-Si-Oxide.php

Physical Properties	Metric	English	Comments
Density	2.30 g/cc	0.0831 lb/in ³	
Porosity	0.60 %	0.60 %	

Mechanical Properties	Metric	English	Comments
Flexural Strength	>= 66.0 MPa	>= 9570 psi	

Thermal Properties	Metric	English	Comments
CTE, linear	1.00 Åµm/m-Å°C	0.556 Åµin/in-Å°F	
	@Temperature 300 Å°C	@Temperature 572 Å°F	
	2.00 Åµm/m-Å°C	1.11 Åµin/in-Å°F	
	@Temperature 900 Å°C	@Temperature 1650 Å°F	

Descriptive Properties	Value	Comments
Spall Resist	750Å°C	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China